Anacostia Trash Loads calculated w/ SF Trash Generation Rates

		SF Bay Loading Rates (lbs/acre)			Annual L
Aggregated Land Use Category	**Acres**	**Low**	**Best**	**High**	**Low**
Upper Anacostia					
Low Density Residential	1,697.57	SF rates for residential land use were d			
Low/Medium Density Residential	1,267.54				
Medium Density Residential	657.71	not density, making comparis			
High Density Residential	19.31				
Commerical	431.04	0.48	4.22	11.76	205.18
Industrial	259.86	1.90	5.71	12.10	494.77
Institutional[b]	585.69	0.48	4.22	11.76	278.79
Major Roads, Transport, Communications, Utilities	624.51	No corresponding land use categc			
Public Facilities[b]	304.92	0.48	4.22	11.76	145.14
Federal Facilities[b]	67.84	0.48	4.22	11.76	32.29
Parking	12.22	No corresponding land use categc			
Parks and Open Spaces	1,401.13	0.34	3.40	7.75	476.38
Lower Anacostia					
Low Density Residential	204.38	SF rates for residential land use were d			
Low/Medium Density Residential	158.16				
Medium Density Residential	263.00	not density, making comparis			
High Density Residential	46.05				
Commerical	155.67	0.48	4.22	11.76	74.10
Industrial	33.00	1.90	5.71	12.10	62.83
Institutional[b]	69.41	0.48	4.22	11.76	33.04
Major Roads, Transport, Communications, Utilities	81.09	No corresponding land use categc			
Public Facilities[b]	243.73	0.48	4.22	11.76	116.02
Federal Facilities[b]	240.17	0.48	4.22	11.76	114.32
Parking	-	No corresponding land use categc			
Parks and Open Spaces	421.81	0.34	3.40	7.75	143.42

[a] SF rates converted from gal/acre to lbs/acre using average trash density of 0.68 lbs/gal

[b] Applied SF rate for "Commercial & Services" to DC categories for Institutional, Public Facilities, and Federal Fa

oad (lbs) (using SF Bay rates)		Existing Load from Trash TMDL
Best	High	
		7,667.80
etermined by income, ons difficult		5,023.20
		9,101.70
		153.10
1,817.26	5,070.75	9,519.10
1,484.32	3,145.35	4,911.00
2,469.27	6,890.06	14,905.80
ory from SF study		19,433.50
1,285.54	3,587.08	7,760.20
286.01	798.07	867.20
ory from SF study		83.60
4,763.84	10,861.56	447.8
		923.20
etermined by income, ons difficult		626.80
		3,639.50
		365.00
656.30	1,831.30	3,437.90
188.50	399.43	623.6
292.63	816.54	1,766.40
ory from SF study		2,523.50
1,027.57	2,867.24	6,202.90
1,012.56	2,825.36	3,070.30
ory from SF study		0.00
1,434.15	3,269.87	135

cilities

Table 4.2. San Francisco Bay Area annual tr

Land Use	Low[a]
Commercial & Services	0.7
Industrial	2.8
Residential[a]	
Less than $50,000/yr	2.8-30
$50,000-$100,000/yr	0.9-2.
Greater than $100,000/yr	0.3-0.
Retail[a]	
Less than $50,000/yr	10.4-1
$50,000-$100,000/yr	2.1-10
Greater than $100,000/yr	0.7-2.
K-12 Schools	3
Urban Parks	0.5

[a] For residential and retail land uses, trash generation ra between rates and household median income.
[b] For residential and retail land uses: Low = 5% confider household median income; and, High = 95% confidence generation rate; and, Low = 10th percentile.

Observations:

1. Direct comparisons difficult due to differe
2. Comparisons for residential uses particul
3. SF study did not attribute loadings to roa
4. Where comparisons were possible, DC TM loading rates

ash generation rates for stormwater (gal/acre).

	Best[b]	High[b]
	6.2	17.3
	8.4	17.8
2	8.2-87.1	24.2-257
8	2.5-8.2	7.4-24.2
9	0.5-2.5	1.0-7.4
10	78.2-150	202-389
4	15.5-78.2	40.0-202
1	1.8-15.5	4.6-40.0
	6.2	11.5
	5.0	11.4

tes are provided as a range, which takes into account the correlation

ce interval; Best = best fit regression line between generation rates and
interval. For all other land use categories: High = 90th percentile; Best = mean

ences in land use classifications between DC and SF
arly difficult as SF categorized by income and not density
ds/transportation, which are among the highest loading categories in DC
MDL loads are substanially higher than what would be calculated using SF's comparable